(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	basements	out	Dwellings with basements	l	Small commercia buildings	al
	 			Rating class and limiting features 			
13B:				 	1		
Zook	 - 45 	Depth to	11.00	Very limited Depth to saturated zone Shrink-swell	11.00	Very limited Depth to saturated zone Shrink-swell	11.00
Olmitz	 - 30 	 Somewhat limited Shrink-swell 		 Somewhat limited Shrink-swell Depth to saturated zone	0.50 0.16	 Somewhat limited Shrink-swell 	 0.50
Vesser	 - 20 	 Somewhat limited Shrink-swell	0.50	 Very limited Depth to saturated zone	11.00	 Somewhat limited Shrink-swell	10.50
		Depth to saturated zone	0.39	Shrink-swell		Depth to saturated zone	0.39
23C: Arispe	 - 100 	 Very limited Shrink-swell 		 Very limited Shrink-swell Depth to saturated zone	1.00 0.95	 Very limited Shrink-swell Slope	11.00
23C2: Arispe	 - 100 	 Very limited Shrink-swell 		 Very limited Shrink-swell Depth to saturated zone		 Very limited Shrink-swell Slope 	 1.00 0.88
24D: Shelby	 - 100 	Slope	 0.63 0.50	Slope		 Very limited Slope Shrink-swell	 1.00 0.50
24D2: Shelby	 - 100 	 Somewhat limited Slope Shrink-swell	0.63	 Somewhat limited Slope Shrink-swell	0.63	 Very limited Slope Shrink-swell	 1.00 0.50
24E2: Shelby		 Very limited Slope Shrink-swell	1.00	 Very limited Slope Shrink-swell		 Very limited Slope Shrink-swell	11.00

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and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings 	al
	 			Rating class and limiting features			
24E3: Shelby	 95 	Slope		Slope	 1.00 0.50		 1.00 0.50
24F2: Shelby	 100 	Slope		Slope		 Very limited Slope Shrink-swell	1 1.00 10.50
51: Vesser	90	Flooding	1.00 0.50	-	1 1.00	-	1 1.00 10.50
		Depth to saturated zone	0.39	•		Depth to saturated zone	0.39
51+: Vesser	 90 	Flooding Shrink-swell 		Flooding Depth to saturated zone	1.00 1.00	 Very limited Flooding Shrink-swell Depth to saturated zone	 1.00 0.50 0.39
51B: Vesser	 90 	Shrink-swell	0.50 	 Very limited Depth to saturated zone Shrink-swell	11.00	 Somewhat limited Shrink-swell Depth to	 0.50 0.39
51B+: Vesser	 90 	•		 Very limited Depth to		saturated zone Somewhat limited Shrink-swell	 0.50
		 Depth to saturated zone		saturated zone Shrink-swell 		 Depth to saturated zone	10.39
54: Zook	 95 	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00 1.00	saturated zone	 1.00 1.00 1.00	 Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00 1.00

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and soil name	Pct. of map unit		ut	Dwellings with basements		Small commercia buildings 	.1
				Rating class and limiting features			
54+: Zook	 95 	Flooding Depth to saturated zone	1.00 1.00 	Flooding Depth to saturated zone	1.00 1.00	Depth to saturated zone	 1.00 1.00 1.00
54B: Zook	 90 	Depth to saturated zone	1.00 	Depth to saturated zone	1.00 	saturated zone	11.00
65E: Lindley	 95 	Slope	1.00	Slope	1.00	-	11.00
65E2: Lindley	 95 	Slope		Slope	11.00	=	11.00
65F: Lindley	 95 	Slope	1.00	Slope	11.00	•	11.00
65F2: Lindley	 95 	Slope		•			11.00
65G: Lindley	 95 	Slope	1.00	Slope	1.00		11.00
65G2: Lindley	 95 	 Very limited Slope Shrink-swell	1.00	•	1.00	-	11.00
93D2: Shelby	 60 	 Somewhat limited Slope Shrink-swell 	 0.63 0.50	•	 0.63 0.50	-	11.00

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and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings 	al
	 			Rating class and limiting features			
Adair	40	Shrink-swell Slope		Slope	1.00 0.63	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 0.39
94D2: Mystic	 60 	Shrink-swell Slope	1.00 0.63	saturated zone Shrink-swell	1.00 1.00	 Shrink-swell	 1.00 1.00 0.39
Caleb	40 	Slope	 0.63 0.50 	Slope Shrink-swell Depth to	 0.63 0.50 0.16	Shrink-swell	 1.00 0.50
94E2: Mystic	 60 	Shrink-swell Slope	1.00 1.00	Depth to saturated zone Shrink-swell	1.00 1.00	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 0.39
Caleb	35 	Slope		•			 1.00 0.50
131B: Pershing	 90 		11.00	Shrink-swell	11.00	 Very limited Shrink-swell 	 1.00
131C: Pershing	 100 	 Very limited Shrink-swell 	1 1.00	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.95		 1.00 0.88

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Map symbol and soil name	Pct. of map unit	basements		Dwellings with basements		Small commercia buildings	al
				Rating class and limiting features			
131C2: Pershing	 100 		11.00	Shrink-swell	11.00	 Very limited Shrink-swell Slope 	 1.00 0.88
131D2: Pershing	 100 	Shrink-swell Slope	1.00 0.63 	Depth to saturated zone	1.00 0.95	•	 1.00 1.00
132B: Weller				·	1.00 0.95	 Very limited Shrink-swell 	11.00
132C: Weller	 100 	•		Shrink-swell	11.00	 Very limited Shrink-swell Slope 	11.00
132C2: Weller	 100 			Shrink-swell	11.00	 Very limited Shrink-swell Slope 	11.00
132D2: Weller	 100 	Shrink-swell	1.00 0.63	 Very limited Shrink-swell Depth to saturated zone Slope	11.00		11.00
172: Wabash		Flooding Depth to saturated zone	1.00 1.00	Flooding	1.00 1.00 	Depth to saturated zone	 1.00 1.00 1.00

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Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings	al
				Rating class and limiting features			
179D2:		 					
	95 	Slope	0.63		10.63	Slope	11.00
179E:	i		i		i		i
Gara			11.00	Slope	11.00	Very limited Slope Shrink-swell	 1.00 0.50
179E2:		 				 	
Gara	95 	Slope		Slope	11.00		 1.00 0.50
179E3:	1	 	1	 	1	 	l
Gara	95 	Slope	11.00	Slope	11.00	Very limited Slope Shrink-swell	 1.00 0.50
179F:		 	1	 	1	 	1
Gara	100	Slope	1.00	Slope	1.00	 Very limited Slope Shrink-swell	11.00
179F2:		 				 	
Gara	100	Slope	11.00	Slope	11.00	Very limited Slope Shrink-swell	11.00
179G2:		 				 	
Gara	100 				11.00	Very limited Slope Shrink-swell	 1.00 0.50
192C2: Adair	 - 95	 Very limited Shrink-swell	11.00	Depth to	1.00	 Very limited Shrink-swell	1 1.00
		 Depth to	10.39	saturated zone Shrink-swell		 Slope	10.88
	 	saturated zone 	 	 	 		 0.39

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Map symbol and soil name	Pct. of map unit	basements 	out	Dwellings with basements	ı	Small commercia buildings 	al
		Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	
192D2: Adair	 95 	 Very limited Shrink-swell Slope Depth to saturated zone	11.00	saturated zone Slope	1.00 0.63	İ	 1.00 1.00 0.39
211: Edina	 90 	 Very limited Depth to saturated zone Shrink-swell	11.00	saturated zone		 Very limited Depth to saturated zone Shrink-swell	 1.00 1.00
220: Nodaway	 90 	 Very limited Flooding Shrink-swell 		 Very limited Flooding Shrink-swell Depth to saturated zone			 1.00 0.50
222C: Clarinda	 100 	 Very limited Shrink-swell Depth to saturated zone		 Very limited Depth to saturated zone Shrink-swell 	1.00 	 Very limited Shrink-swell Slope Depth to saturated zone	 1.00 0.88 0.39
222C2: Clarinda	 100 	 Very limited Shrink-swell Depth to saturated zone	1.00	saturated zone	 1.00 1.00 	İ	 1.00 0.88 0.39
222C3: Clarinda	100 	 Very limited Shrink-swell Depth to saturated zone	 1.00 0.39 	 Very limited Depth to saturated zone Shrink-swell 	 1.00 1.00 	İ	 1.00 0.88 0.39

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Map symbol and soil name	Pct. of map unit	basements	ut	Dwellings with basements 		Small commercia buildings 	al
		. 3		Rating class and limiting features		-	
222D2:		 	 	 	 	 	
Clarinda	100 	. 4	11.00	Depth to		Very limited Slope 	11.00
	 	·	0.39			Shrink-swell Depth to saturated zone	1.00 0.39
223C2: Rinda	100 			 Very limited Depth to saturated zone		 Very limited Shrink-swell	1 1.00
		 Depth to saturated zone	0.39	•	1.00	 Slope	0.88
		Saturated Zone -		 		Depth to saturated zone	0.39
223D2: Rinda	 100 			 Very limited Depth to saturated zone	11.00	 Very limited Slope 	11.00
		·	0.63	Shrink-swell	11.00	•	11.00
269:		 		1770 1		 	į
Humeston		Flooding Depth to saturated zone	1.00 1.00	Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00
269+:							
Humeston	95 	Flooding Depth to saturated zone	1.00 1.00	Flooding Depth to	1.00 1.00 	Very limited Flooding Depth to saturated zone Shrink-swell	 1.00 1.00 1.00
273B: Olmitz	100 		0.50		0.50 0.16	 Somewhat limited Shrink-swell	10.50

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Map symbol and soil name	Pct. of map unit	basements	out	Dwellings with basements		Small commercia buildings	al
	 			Rating class and limiting features			
273C: Olmitz	 100 	 Somewhat limited Shrink-swell 	 0.50 	 Somewhat limited Shrink-swell Depth to saturated zone	 0.50 0.16		 0.88 0.50
313D2: Gosport	 90 	 Very limited Shrink-swell Slope Depth to saturated zone	11.00		 1.00 1.00 0.63 0.46	 Shrink-swell Depth to saturated zone	 1.00 1.00 0.07
313E2: Gosport	 90 	 Very limited Shrink-swell Slope Depth to saturated zone	11.00		 1.00 1.00 1.00 1.00	 Shrink-swell Depth to saturated zone	 1.00 1.00 0.07
313F: Gosport	 	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.07	Depth to saturated zone	 1.00 1.00 1.00 1.00 0.46	Shrink-swell Depth to saturated zone	 1.00 1.00 0.07
313F2: Gosport	 90 	 Very limited Slope Shrink-swell Depth to saturated zone	 1.00 1.00 1.00 0.07	Depth to saturated zone	 1.00 1.00 1.00 1.00 1.00	Shrink-swell Depth to saturated zone	 1.00 1.00 1.00

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Map symbol and soil name	Pct. of map unit	basements	out	Dwellings with basements		Small commercia buildings 	ıl
				Rating class and limiting features			
362:		 				 	1
	90	Depth to saturated zone	1.00 	Depth to saturated zone	1.00 	 Depth to saturated zone Shrink-swell	11.00
364B:							i
Grundy			11.00	Very limited Depth to saturated zone		Very limited Shrink-swell 	11.00
	i I	Depth to saturated zone		Shrink-swell	11.00	Depth to saturated zone	0.07
423C2: Bucknell	 - 95	•		·	11.00	 Very limited Shrink-swell	11.00
	 	 Depth to saturated zone			1.00	 Slope 	10.88
	İ	 	 	 	 	Depth to saturated zone	0.39
423D: Bucknell	 - 95 			 Very limited Depth to saturated zone		 Very limited Slope 	1 1.00
	 	•	0.39	Shrink-swell		Shrink-swell Depth to saturated zone	11.00
423D2: Bucknell	 - 95 	•	1.00		11.00	 Very limited Slope	1 1.00
	 			Shrink-swell		 Shrink-swell Depth to saturated zone	11.00
425D: Keswick	 - 95	 Very limited Shrink-swell	1.00	 Very limited Depth to	1.00	 Very limited Slope	1 1.00
			 0.63 0.39			Depth to	11.00

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and soil name	Pct. of map unit	basements	ut	Dwellings with basements		Small commercia buildings 	ıl
	 			Rating class and limiting features			
425D2: Keswick	 95 1 	Slope Shrink-swell	 0.63 0.50 0.39	Depth to saturated zone Slope	1.00 0.63	Ì	 1.00 0.50 0.39
430: Ackmore	 90 	Flooding Shrink-swell 		Flooding Depth to saturated zone	1.00 1.00		 1.00 0.50 0.39
451D2: Caleb	 90 	Slope	 0.63 0.50	Slope Shrink-swell	 0.63 0.50 0.16	Shrink-swell	 1.00 0.50
451E2: Caleb	 90 	•	1 1.00	Shrink-swell			 1.00 0.50
452C: Lineville	 100 	Shrink-swell 	 0.50 0.39 	saturated zone	11.00	Ì	10.88
452C2: Lineville	 100 	 Somewhat limited Shrink-swell Depth to saturated zone	 0.50 0.39 	 Very limited Depth to saturated zone Shrink-swell 	 1.00 1.00 1.00	1	 0.88

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± ±	Pct. of map unit	basements	ut	Dwellings with basements 		Small commercia buildings 	1
	 			 Rating class and limiting features 		•	
453: Tuskeego	 95 	Flooding Depth to saturated zone	11.00	Flooding Depth to saturated zone	 1.00 1.00 1.00	Depth to saturated zone	 1.00 1.00 1.00
470D2: Lamoni	 70 	Shrink-swell Slope	1.00 0.63 0.39	Depth to saturated zone Shrink-swell	1.00 1.00 0.63	Shrink-swell	 1.00 1.00 0.39
Shelby	30	Slope	0.63	Slope			1 1.00
484: Lawson	 90 	Flooding	11.00	Flooding Depth to saturated zone	11.00	Depth to saturated zone	 1.00 0.39
587: Chequest	 90 	Flooding Depth to	1.00 1.00 	Flooding Depth to saturated zone	1.00 1.00	Depth to saturated zone	 1.00 1.00 1.00
587+: Chequest	 90 	Flooding Depth to saturated zone	1.00 1.00	Flooding Depth to saturated zone	11.00	Depth to saturated zone	 1.00 1.00 1.00

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Map symbol and soil name	Pct. of map unit	basements		Dwellings with basements		Small commercial buildings 	
	 	 Rating class and limiting features 		Rating class and limiting features		Rating class and limiting features	
592C2: Mystic	 90 	Shrink-swell		Depth to saturated zone	1.00	 Very limited Shrink-swell Slope	 1.00 0.88
		Saturated Zone -		 		Depth to saturated zone	0.39
92D2: Mystic 	90		1.00		1 1.00	 Very limited Slope 	11.00
	 	•	0.63	Shrink-swell	11.00	•	11.00
711: Nodaway	 70 	Flooding		Flooding Shrink-swell	1.00 0.50 0.16	Shrink-swell	 1.00 0.50
Lawson	25 	Flooding	11.00	Flooding Depth to saturated zone	1.00	Depth to saturated zone	11.00
792C: Armstrong	 100 	 Very limited Shrink-swell 	11.00			 Very limited Shrink-swell 	1 1.00
		Depth to saturated zone 	0.39 	Shrink-swell - -	1.00 	Slope Depth to saturated zone	0.88 0.39
792C2: Armstrong	1100	 Very limited Shrink-swell 	1.00 	saturated zone	1.00 	İ	1 1.00
		Depth to saturated zone 	0.39 	Shrink-swell 	0.50 	Slope Depth to saturated zone	0.88 0.39

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and soil name	Pct. of map unit	basements	Dwellings without basements		Dwellings with basements		Small commercial buildings 	
				 Rating class and limiting features 			Value 	
792D: Armstrong	100	. 4		 Very limited Depth to	 1.00	 Very limited Slope	 1.00	
 		 Slope	 0.63 0.39	saturated zone Shrink-swell	11.00	İ	11.00	
792D2: Armstrong	100	. 4	1 1.00			 Very limited Slope 	11.00	
			0.63 0.39		0.63 0.50		1.00 0.39	
792D3: Armstrong 	100	 Very limited Shrink-swell 	11.00	-	1.00	 Very limited Slope 	1 1.00	
 			0.63 0.39 		0.63 0.50 		1.00 0.39 	
822C: Lamoni	95			· · · · · · · · · · · · · · · · · · ·	 1.00	 Very limited Shrink-swell 	 1.00	
 		Depth to saturated zone	0.39	•	11.00	İ	0.88 0.39	
822C2:		 	 	 	 	saturated zone 	 	
Lamoni 	95	Shrink-swell 	11.00	Depth to saturated zone	11.00	İ	11.00	
 		Depth to saturated zone 	0.39 	Shrink-swell 	1.00 	Slope Depth to saturated zone	0.88 0.39 	

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Map symbol and soil name	Pct. of map unit	basements		Dwellings with basements		Small commercial buildings 	
				Rating class and limiting features			
822D: Lamoni		 Very limited Shrink-swell		 	11.00	 - Very limited Slope	1 1.00
	 	· •	0.63	Shrink-swell Slope	11.00	 Shrink-swell Depth to saturated zone 	11.00
822D2: Lamoni	 - 95 		1.00	 Very limited Depth to saturated zone	11.00	 Very limited Slope	1 1.00
	 		0.63	Shrink-swell	11.00	Shrink-swell Depth to saturated zone	11.00
831B: Pershing	 - 100 		11.00	· •		 Very limited Shrink-swell 	11.00
831C: Pershing	 - 100 	· •	11.00	 Very limited Shrink-swell Depth to saturated zone	11.00	 Very limited Shrink-swell Slope 	1 1.00 10.88
331C2: Pershing	 - 100 		1.00	 Very limited Shrink-swell Depth to saturated zone	11.00	 Very limited Shrink-swell Slope 	 1.00 0.88
894D2: Bucknell			1.00	 Very limited Depth to saturated zone	1.00	 Very limited Slope 	11.00
	 	•	10.39		0.63	Shrink-swell Depth to saturated zone	1.00 0.39
Gara		Slope	0.63	-	0.63	Very limited Slope Shrink-swell	11.00

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and soil name		İ		Dwellings with basements		Small commercial buildings 	
				Rating class and limiting features 			
993D2:		 		 			
Gara	 60 	Slope	0.63	Slope Shrink-swell	0.63	Slope	11.00
Armstrong	 - 40 	 Very limited Shrink-swell 	11.00	 Very limited Depth to saturated zone	1.00		11.00
			0.63 0.39	Shrink-swell Slope	1.00 0.63	Shrink-swell	1.00 0.39
1711:							i
Nodaway		Flooding	1.00 0.50	Flooding Shrink-swell	1.00 0.50 0.16	Shrink-swell	 1.00 0.50
Lawson	 	Flooding Depth to	1.00 0.39	Flooding Depth to saturated zone	1.00 1.00	Depth to saturated zone	11.00
5021: Orthents	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
5025: Strip Mines	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
5040: Orthents	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
INT: Intermittent Water	 - 100	 Not rated 	 	 Not rated 	 	 Not rated 	

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Map symbol and soil name	Pct. of map	basements	out	Dwellings with basements	1	Small commercial buildings 	
	unit	[1			
		 Rating class and limiting features		Rating class and		 Rating class and limiting features	Value
		iimicing leacules		IIMITCING TEACUTES		IIMICING TEACUTES	
					!		- <u> </u>
SL: Sewage Lagoon	100	 Not rated 	 	 Not rated 		 Not rated 	
	i		i	İ	i	İ	i
Water	100 	 Not rated 	 	 Not rated 	 	 Not rated 	
	į		į	į	į	į	į

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